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10/10/03

1632

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/856,322
	Filing Date	August 20, 2001
	First Named Inventor	Punit S. Ramrakha
	Art Unit	1632
	Examiner Name	Qian J. Li
Total Number of Pages in This Submission (including this Transmittal Form)	-25-	Attorney Docket Number 02292/000J086-USO

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (1 page)  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Substitute Amendment (18 pages)  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  See Remarks, below, for listing of other enclosures submitted.
<div>Remarks</div> <ul style="list-style-type: none"><li>• Response to Notice of Non-Compliant Amendment (Voluntary Revised Practice) (2 pages);</li><li>• Exhibit A to Substitute Amendment: Abstract (1 page);</li><li>• Amendment Transmittal Letter (1 page);</li><li>• Certificate of Express Mailing Under 37 C.F.R. 1.10 (1 page); and</li><li>• Return Receipt Postcard</li></ul>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	DARBY & DARBY P.C. Samuel S. Woodley, Ph.D., Reg. No. 43,287
Signature	<i>Samuel S. Woodley</i>
Date	October 8, 2003

Express Mail Label No. <u>EL982102856US</u>	Dated: <u>10/8/03</u>
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Attorney Docket No.: 02292/000J086-US0

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. \_\_\_\_\_ an envelope addressed to:

No. ~~EL 982102856~~ <sup>al</sup> *uz*

on October 8, 2003  
Date

A. Santini  
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Signature  
A. Stantini  
Typed or printed name of person signing Certificate

- (1) Transmittal Form (1 page);
- (2) Fee Transmittal for FY 2003 (1 page);
- (3) Amendment Transmittal
- (4) Response to Notice of Non-Compliant Amendment (Voluntary Revised Practice) (2 pages);
- (5) Substitute Response to Office Action and Amendment Under 37 C.F.R. 1.111 (18 pages), including Exhibit A: Abstract (1 page);
- (6) Return Receipt Postcard.



## AMENDMENT TRANSMITTAL LETTER

Docket No.  
02292/000j086-US0Application No.  
09/856,322Filing Date  
August 20, 2001Examiner  
Qian J. LIArt Unit  
1632

Applicant(s): Punit S. Ramrakha et al.

Invention: SUPPRESSION OF XENOTRANSPLANT REJECTION

## TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	16	- 20 =	0	x 18.00	0.00
Independent Claims	4	- 4 =	0	x 84.00	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0.00

☒ Large Entity☐ Small Entity☐ No additional fee is required for this amendment.☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.☐ A check in the amount of \$ 0.00 to cover the total additional fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 04-0100  
as described below. A duplicate copy of this sheet is enclosed.☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

*Samuel S. Woodley*  
Samuel S. Woodley, Ph.D.  
Attorney Reg. No.: 43,287

Dated: October 8, 2003

DARBY & DARBY P.C.  
P.O. Box 5257  
New York, New York 10150-5257  
(212) 527-7766

EL 982102856 US

Express Mail Label No. \_\_\_\_\_

Dated: 10/8/03

Express Mail Label No. <b>098210285648</b>	Dated: <b>10/8/03</b>
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Docket No.: 02292/000J086-US0  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Punit S. Ramrakha *et al.*

Application No.: 09/856,322

Group Art Unit: 1632

Filing Date: August 20, 2001

Examiner: Qian J. LI

For: SUPPRESSION OF XENOTRANSPLANT  
REJECTION

**RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT (VOLUNTARY  
REVISED PRACTICE)**

Mail Stop Non-Fee Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

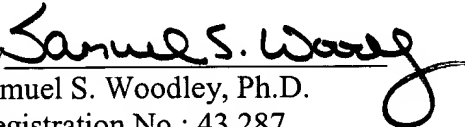
In response to the Notice of Non-Compliant Amendment (Voluntary Revised Practice) mailed by the U.S. Patent and Trademark Office on September 15, 2003 for this matter (hereinafter referred to as the "Notice"), Applicants submit herewith a Substitute Response to Office Action and Amendment under 37 CFR 1.111 (hereinafter referred to as the "Substitute Response"). The Substitute Response is believed to comply with the current requirements under 37 CFR 1.121. In particular, the Substitute Response includes a complete listing of all the claims in this application, including cancelled claims 1-16 which were inadvertently omitted from Applicant's original response (*i.e.*, from the Response to Office Action and Amendment under 37 CFR 1.111 submitted by Applicants on August 18, 2003 for this application).

It is believed that no Extension of Time and no fee are required for this Substitute Response, as such Extension fees and other relevant fees were paid and accepted with Applicant's original response of August 18, 2003. Nevertheless, should the U.S. Patent and

Trademark Office determine that any additional fee is required or than any refund is owed for this application, the Commissioner is respectfully requested to charge the fee(s) owed and/or credit the refund due to our Deposit Account No. 04-0100. A Fee transmittal sheet accompanies this submission, authorizing the Commissioner to credit any over payments and to charge any additional fees to the aforementioned account.

Respectfully submitted,

Dated: **October 8, 2003**

By   
Samuel S. Woodley, Ph.D.  
Registration No.: 43,287  
DARBY & DARBY P.C.  
P.O. Box 5257  
New York, New York 10150-5257  
(212) 527-7700  
(212) 753-6237 (Fax)  
Attorneys/Agents For Applicant

66982102856 US 10/8/03  
Express Mail Label No. Dated:

Docket No.: 02292/000J086-US0  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Punit S. Ramrakha *et al.*

Application No.: 09/856,322

Group Art Unit: 1632

Filing Date: August 20, 2001

Examiner: Qian J. LI

For: SUPPRESSION OF XENOTRANSPLANT  
REJECTION

**SUBSTITUTE RESPONSE TO OFFICE ACTION AND  
AMENDMENT UNDER 37 C.F.R. 1.111**

Mail Stop Non-Fee Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Official Action mailed on March 18, 2003 and in accordance with Rule 111 of the Rules of Practice, please enter the following amendments and consider the accompanying remarks. Applicants also request entry of the submissions and fees referenced on lines 3-10 of the Introductory Comments to Applicant's August 18, 2003 response.

It is believed that no additional fees are required for these submissions. However, should the United States Patent and Trademark Office determine that any additional fee is required or that any refund is owed for this application, the Commissioner is hereby authorized and requested to charge the required fee(s) and/or credit any refund(s) owed to our Deposit Account No. 04-0100.